INTERNATIONAL SEARCH REPORT

International Application No

			-C1/182004/051	060					
A. CLASSIF IPC 7	FICATION OF SUBJECT MATTER F41A13/08								
According to	International Patent Classification (IPC) or to both national classification	lion and IPC							
	SEARCHED currentation searched (classification system followed by classification	n symbols)							
IPC 7	F41A								
Documentat	ion searched other than minimum documentation to the extent that su	rch documents are incl	uded in the fields searched						
Electronic da	ata base consulted during the international search (name of data bas	e and, where practica	, search terms used)						
EPO-Internal, WPI Data									
C. DOCUME	ENTS CONSIDERED TO BE RELEVANT								
Category °	Citation of document, with indication, where appropriate, of the rele	evant passages	R	elevant to claim No.					
А	US 5 404 789 A (HAAS) 11 April 1995 (1995-04-11) cited in the application column 2, line 20 - column 3, lin figures 1-4	e 14;	1	-18					
A	US 3 377 918 A (AUSTIN ET AL.) 16 April 1968 (1968-04-16) column 1, line 59 - column 2, lin figures 1,3	e 65;	1	-18					
A	US 2 807 986 A (HOWARD ET AL.) 1 October 1957 (1957-10-01) column 2, line 62 - column 5, lin figures 1-5	e 2;	1	-18					
A	US 5 109 748 A (BERTILLER ET AL.) 5 May 1992 (1992-05-05) 	•							
Furti	her documents are listed in the continuation of box C.	X Patent family	members are listed in annex.						
° Special ca	legories of cited documents :	*T* later document pu	blished after the international	filing date					
consid	ent defining the general state of the art which is not lered to be of particular relevance	or priority date as cited to understa invention	nd not in conflict with the app nd the principle or theory und	lication but lerlying the					
filing date cannot be considered novel or ca "L" document which may throw doubts on priority claim(s) or involve an inventive slep when the				idered to s taken alone					
"O" docum	n or other special reason (as specified) ent referring to an oral disclosure, use, exhibition or means	cannot be consid document is com	cular relevance; the claimed le lered to involve an inventive : bined with one or more other bination being obvious to a p	step when the such docu-					
'P' docume	ent published prior to the international filing date but	in the art.	r of the same patent family						
Date of the	actual completion of the international search	Date of mailing of	the international search repo	ı					
1	7 August 2004	26/08/	2004						
Name and	mailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk	Authorized officer							
	Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Glesen	, M						

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box II.2

Claims Nos.: 23

Rule 6.2(a) PCT

The applicant's attention is drawn to the fact that claims relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure. If the application proceeds into the regional phase before the EPO, the applicant is reminded that a search may be carried out during examination before the EPO (see EPO Guideline C-VI, 8.5), should the problems which led to the Article 17(2) declaration be overcome.

INTERNATIONAL SEARCH REPORT

nternational application No. PCT/IB2004/051060

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)
This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:
1. Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely:
2. X Claims Nos.: 23 because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically: See FURTHER INFORMATION sheet PCT/ISA/210
3. Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).
Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)
This International Searching Authority found multiple inventions in this International application, as follows:
As all required additional search fees were timely paid by the applicant, this international Search Report covers all searchable claims.
2. As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:
Remark on Protest The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No
T/IB2004/051060

	atent document d in search report		Publication date		Patent family member(s)	Publication date
US	5404789	Α	11-04-1995	NONE		
US	3377918	A	16-04-1968	NONE		
US	2807986	Α	01-10-1957	NONE		
US	5109748	A	05-05-1992	DE AU CA DE EP ES IL JP JP	4015822 A1 636025 B2 7529291 A 2042205 A1 59101134 D1 0457174 A1 2051538 T3 98168 A 3115351 B2 4227491 A	21-11-1991 08-04-1993 21-11-1991 18-11-1991 14-04-1994 21-11-1991 16-06-1994 24-06-1994 04-12-2000 17-08-1992